

DESIGN PANEL NO. 42 12-11-97

CLCS PRODUCTION CONSOLE ENCLOSURE - Greg Clements/ Elisa Artusa

This Design Panel covered the following topics:

1. The current view of the role and functionality of the various types of Console Positions in CLCS controls rooms.
2. Feedback generated from user evaluation of LCC-X Prototype consoles.
3. Outstanding Issues concerning CLCS Production Console Enclosures, including issues resolved since the Internal DP3 on December 3rd.
4. The current specification (requirements listing) to be used for the prototype Console Enclosures.
5. Acquisition strategy and schedule for the Production Console Enclosures.

Results of discussion:

1. This panel selected a console enclosure design. The design will proceed with the following open issues:
 - Unknown physical dimensions of the Command and Control Workstation, BASIS Support Workstation and CLCS Safing Panel
 - Unknown “display driver” implementation (including monitor selection) of the OTV Digital system
 - Unknown “typical usage” scenario for CLCS System Engineering Console.
 - Unresolved requirements with the OMR/OSR portion of the OCR-1 layout (which may effect the requirements of the Mission Management Consoles).
 - The implementation of ‘Command Panel’ functionality (physical box vs. on-screen).
 - Final selection of the task chair (to confirm JUNO feedback) should be done via a separate evaluation.

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- Final selection of the telephone to be used in the CLCS control rooms (will mount or place whatever phone it is in console 'wedges' and 'extensions').
2. The console design includes the use of Flat Panels. A final decision will be made in June.
 3. The orientation of the components in the console, (Monitors, Legacy Equipment), have not been defined.
 4. There will be no further evaluation of chairs.
 5. The designs for the TC console and the Mission Management console have been finalized. Production will not go forward.

ISSUES

1. Access control of the consoles (locks) needs more definition.
2. Review of lighting requirements.
3. There is a concern of the possibility of someone placing a keyboard on their lap. This needs to be investigated.
4. Review the possible requirement to add video visibility to the Support Console area. The Console Design Team will review this issue.

ACTIONS

No actions required

Approved

ACTIONEE

DUE DATE

STATUS